

## 1. Introduction

The OJ-650EP is a high-powered household dehumidifier designed to effectively reduce humidity in a variety of indoor environments, including basements, villas, and other large spaces. Equipped with a powerful dehumidification capacity of up to 56 liters per day, an 8.3-liter water tank, and advanced air purification capabilities, this unit ensures a comfortable and healthy living environment. Its innovative design includes a built-in high-pressure pump for versatile drainage options and an eco-friendly R410A refrigerant.



Front view of the OJ-650EP dehumidifier with its white and black design and the visible water tank.

## 2. Safety Instructions

Please read and understand all safety instructions before operating the dehumidifier to prevent injury or damage. Keep this manual for future reference.

### Electrical

Connect the dehumidifier to a properly grounded outlet with the correct voltage (220V~50Hz).

Do not operate the unit with a damaged power cord or plug.

Keep the dehumidifier away from water sources, flammable materials, and heat sources.

Ensure there is sufficient space around the unit for proper airflow (at least 20 cm from walls or furniture).

Do not insert objects into the air inlet or outlet.

Unplug the unit before cleaning, maintenance, or when not in use.

Do not allow children to play with or operate the dehumidifier.

If the unit emits unusual noises, odors, or smoke, immediately unplug the cord and contact customer service.

This unit contains R410A refrigerant; only a qualified technician should service the cooling system.

## 3. Product

### 3.1 Components

**Main Unit:** White and black casing with an integrated control panel.

**Water Tank:** 8.3-liter capacity with a visible water level indicator.

**Control Panel:** Located on top of the unit for adjusting settings.

**Air Filter:** A multi-layer filtration system located at the back.

**Drainage Ports:** Continuous drainage port and automatic drainage port for pump connection.

**Side Handle:** Integrated for easy portability.

Power Cord Storage Post: For neat cable management.

Wheels: Industrial universal nylon wheels for easy mobility.



The rear of the dehumidifier's view shows the side-mounted carrying handle, the self-draining port, and the power cord storage bracket.

### 3.2 Key Features

**High-Capacity Dehumidification:** Up to 56 liters per day (at 30°C/80%RH) or 1.4 kg/hour (at 27°C/60%RH).

**Built-in High-Pressure Pump:** Enables upward drainage, solving drainage challenges in spaces without floor drains (e.g., basements, warehouses, wine cellars, gyms).

**Advanced Air Purification:** Equipped with a multi-layer filter system including a primary filter for large particles, an activated carbon filter for adsorption, and a negative ion generator for fresh air.

**Large water tank:** 8.3-liter capacity with automatic shut-off when full.

**Eco-Friendly Refrigerant:** Uses R410A, which has zero ozone depletion potential (ODP=0) and an A1 safety class.

**Efficient cooling system:** Equipped with a copper evaporator and condenser for rapid moisture condensation.

**24-Hour Timer:** Allows for programmable operation.

**Humidity Control:** Adjustable humidity setting range from 20% to 90%.

**Durable Construction:** Made with selected new ABS material, ensuring eco-friendliness and durability.



Diagram showing key features: 56 L/D dehumidification, an upward drainage pump, a Ruizhi compressor, and R410A environmental refrigerant.

# 泵压向上排水

解决无地漏空间排水困扰

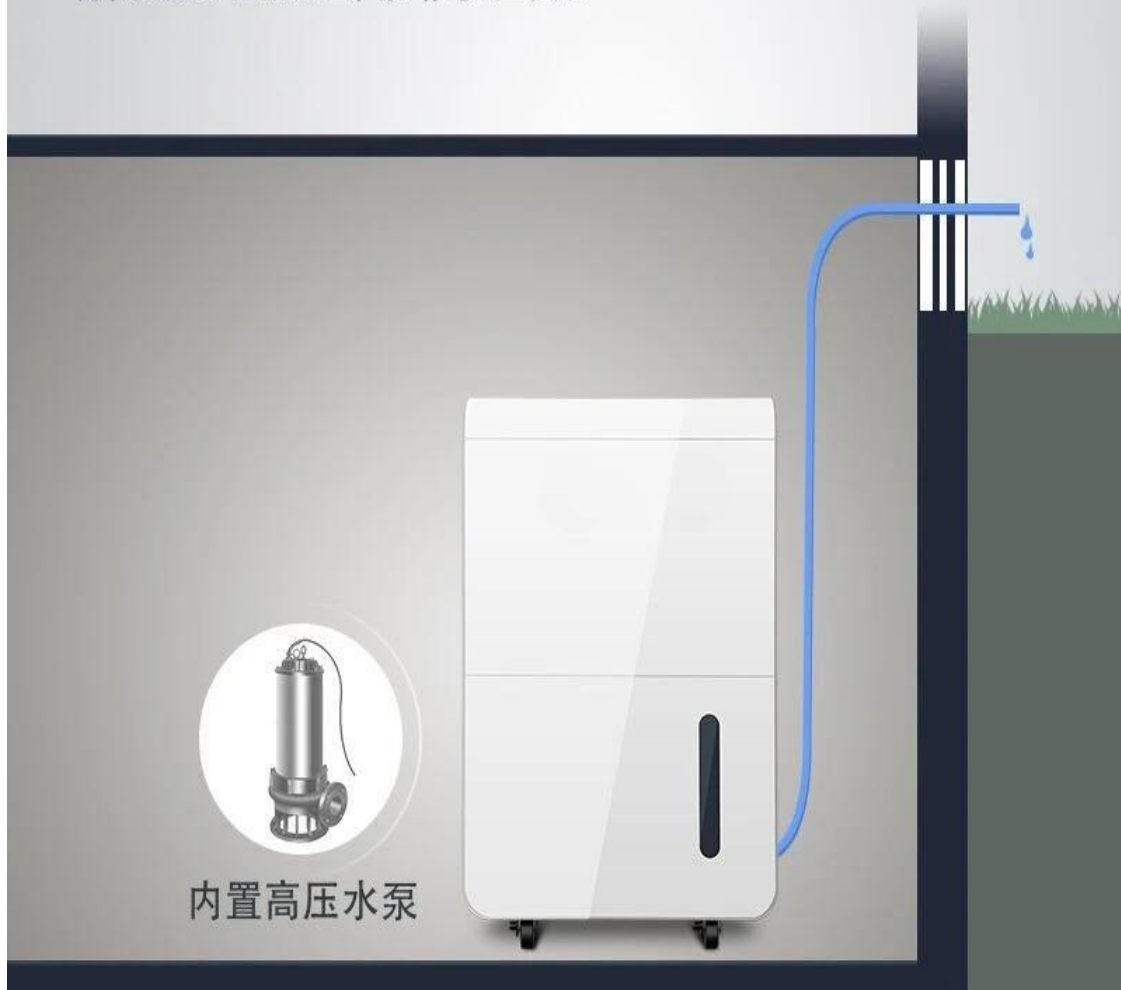


Diagram illustrating a multi-layer air purification system: primary filter, activated carbon filter, and negative ion generator.



Diagram showing a pump-pressurized drainage system, illustrating a dehumidifier with an internal high-pressure pump that conveys water upward to the exterior area.

#### 4. Operation Commands

**On/Off:** Press the Power button on the control panel to turn the unit on or off.

**Set the desired humidity:** Use the humidity control buttons (usually '+' and '-') to set the desired humidity level, ranging from 20% to 90% relative humidity. The unit will operate until the ambient humidity reaches the set level.

**Timer Function:** Activate the 24-hour timer function to program the unit to turn on or off after a specified period. Refer to the control panel markings for specific timer settings.

**Water Tank Full Indicator:** When the 8.3L water tank is full, the unit will automatically shut off, and an indicator light will illuminate. Empty the water tank and reattach it to resume operation.

**Continuous/Pump Drainage:** If you have set continuous or pump drainage, the unit will operate without interruption until the desired humidity is reached or the unit is turned off.



The dehumidifier in room mode features a 56-liter daily dehumidification capacity and a large, visible water tank.



Image showing an 8.3L high-capacity water tank with an automatic shut-off feature when the tank is full.

## 5. Maintenance

Regular maintenance ensures the optimal performance and longevity of your dehumidifier.

### Eco-friendly

**Cleaning the Air Filter:** The multi-layer air filter should be cleaned regularly (for example, every 2-4 weeks, depending on usage). Turn off and unplug the unit. Remove the filters from the back of the unit. Use a vacuum cleaner to remove dust and dirt from the primary filter. The activated carbon filter may need to be replaced over time. Reinstall the clean filters.

**Emptying the Water Tank:** When the water tank is full, carefully remove it from the unit, empty the collected water, then clean the tank with mild soap and water if needed. Rinse thoroughly and then reinstall.

**Exterior Cleaning:** Wipe the exterior of the dehumidifier with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

**Storage:** If storing the unit for an extended period, ensure the water tank is empty and clean, and the unit is dry. Store in a cool, dry place.



The diagram lists common problems and states that the OJ-650EP solves them, including renovation odor issues, low dehumidification capacity, poor efficiency, safety concerns, and the lack of a floor drain.

# 处女座都喜欢的人性设计

随机器附赠排水软管



Table describing the product specifications of the OJ-650EP dehumidifier.

## 6. User Tips

Based on common user experience with the same dehumidifier, here are some tips:

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**Optimal placement:** For the best results, place the dehumidifier in the middle of the room or area you want to dry, rather than in a corner.

**Close Doors and Windows:** To maximize efficiency, ensure all doors and windows in the area are closed while the dehumidifier is operating.

Clean the Filter Regularly: A clean air filter significantly improves the unit's efficiency and air quality. Make cleaning a regular task.

Utilize Continuous Drainage: If you have a suitable drain, using the continuous drainage feature or a pump can save you from frequently emptying the water tank.

Parameter Mark

Model OJ-650EP

Dehumidification Volume (30°C/80%RH) 56L/Day

Dehumidification Volume (27°C/60%RH) 1.4 kg/hour

Water Tank Capacity 8.3L

Refrigerant R410A / 420g

Rated Power 700W

Rated Voltage / Frequency 220V ~ 50Hz

Humidity Adjustment Range 20%-90%

Pump Pressure Drainage Yes

Two-Way Timer 24-hour controllable

Full Water Protection Yes

Fire-Resistant Cabinet Yes

Your Dimensions (L \* W \* H) 4